

Somfit<sup>®</sup>PRO

Start Here

 COMPUMEDICS<sup>®</sup>

# Contents



x1 Somfit®  
Device



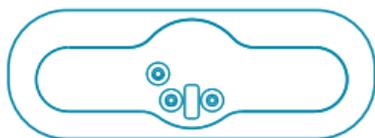
x1 Somfit®  
Charging Cradle



x1 Respfit®  
Module



x1 Respfit®  
Charging Cradle



x1  
Electrode



x1  
Power Adaptor



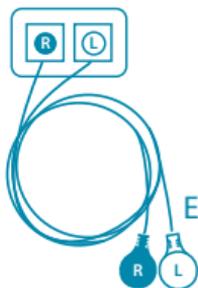
x1  
USB Cable



x2



x1 Respiratory Band



x1  
ECG Lead



x1  
Nasal  
Cannula



x3  
Tape  
Strips



Download  
Somfit® APP



**Install App and follow your Somfit®  
Providers instructions to login.**

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View the  
Somfit® Pro  
Setup Videos

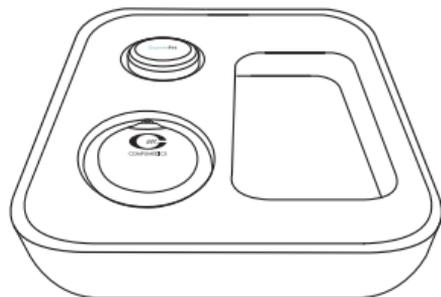


[https://www.compumedics.com.au/en/  
landing-page/somfit-patient-information-2/](https://www.compumedics.com.au/en/landing-page/somfit-patient-information-2/)

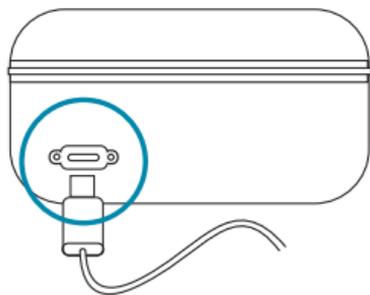
# Quick Start Guide

## BEFORE USE

**Charge the modules** – The Somfit® and the Respfit® sit on charging cradles inside the case. To charge them insert the **charging cable provided** into the USB port on the side of the case.



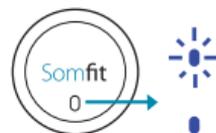
Modules sit on charging cradles inside case. Do not remove the charging cradles.



Charge modules using USB port on side of case.



Only use the provided cable to charge the modules.



Indicator Light



Flashing blue light  
**Charging**

Constant Blue light  
**Fully Charged**



Indicator Light



Flashing light on logo  
**Charging**



Constant light on logo  
**Fully Charged**

## PREPARE FOREHEAD



### Step 1.

Wash forehead using **water only** without soap or cleansing products. Dry with towel.

Clean your forehead area with the Skin Prep Pad for at least **15 seconds** to give the best signal quality.

Dry the forehead with a clean towel, to ensure the forehead is fully dry before applying the electrode.

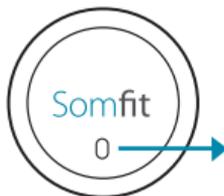
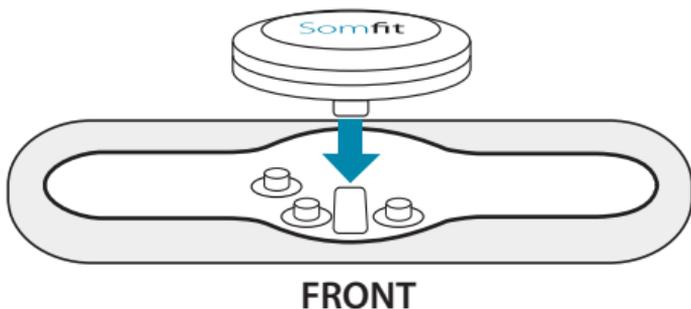


15 secs with prep pad

## Step 2.

### APPLY SOMFIT®

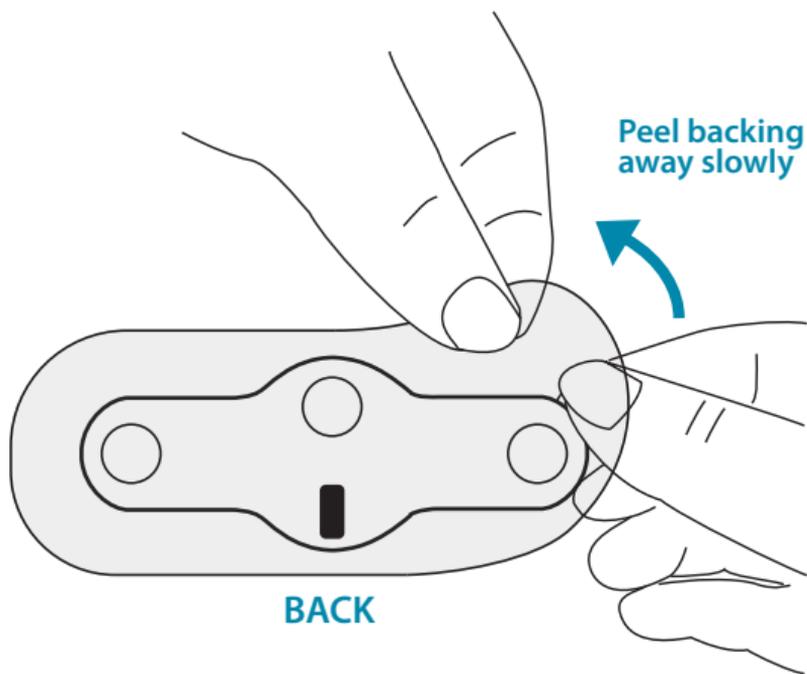
Attach the **Somfit®** device to the electrode ensuring all 3 snap-ins are in place.



Indicator Light

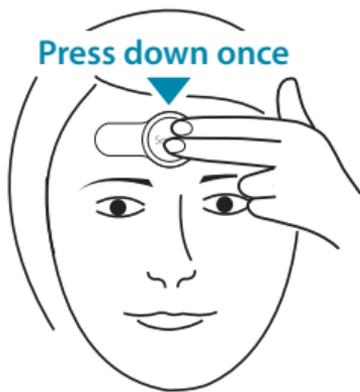


Single green light  
blinking every 10 seconds  
Ready to record



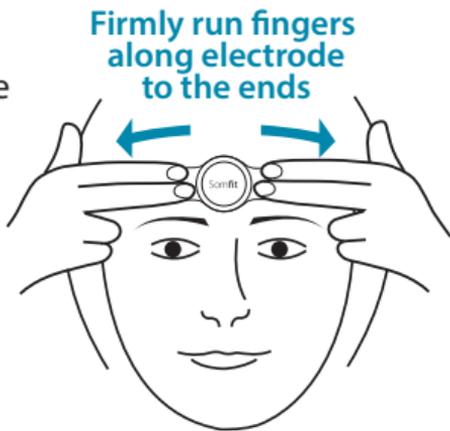
Slowly remove the clear backing from the electrode to reveal the adhesive area. Minimise touching the adhesive area and avoid any finger contact with the three circular gel areas of the electrode.

While looking at a mirror, apply the electrode to the **centre of the forehead** approximately one finger's width above the eyebrows.



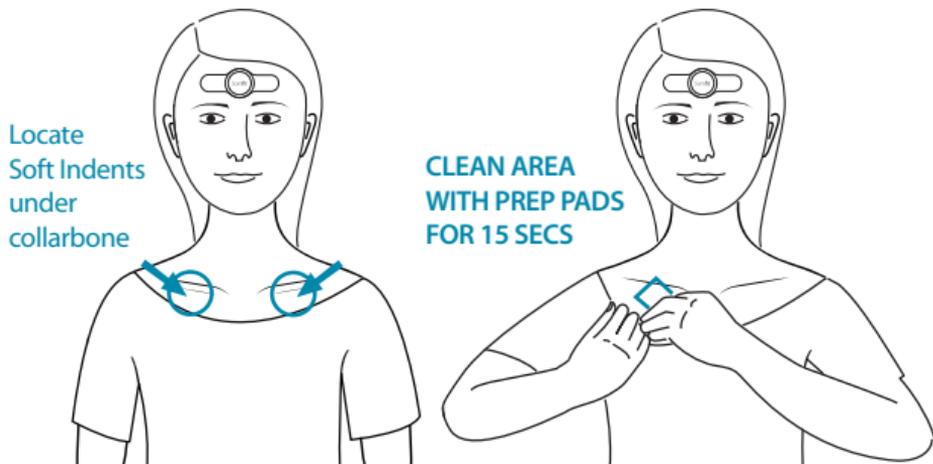
Press down once on the Somfit with two fingers.

Place two fingers on each side of the electrode close to the Somfit. Press firmly as you run your fingers along the electrode towards the ends. This will ensure a firm placement.



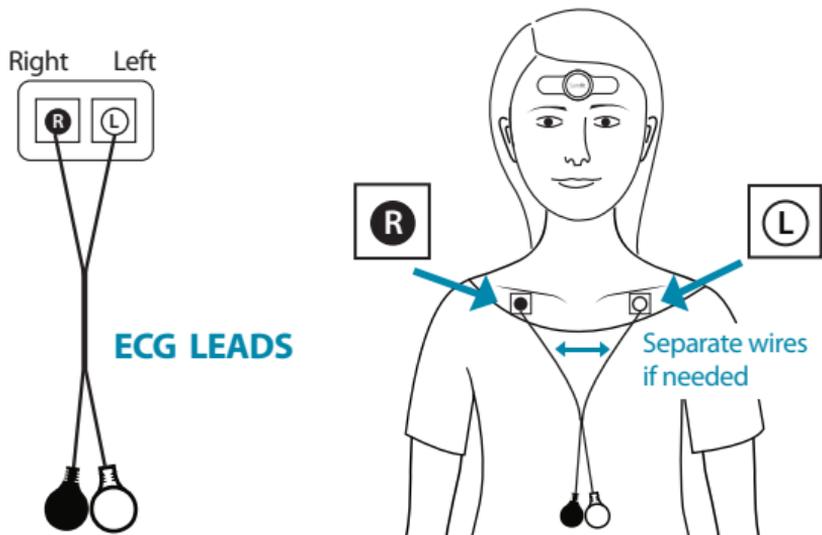
## Step 3.

### APPLY ECG LEADS



Locate the soft indented area under each collarbone (left and right). It should be approximately half way along the collarbone.

Clean these areas with the Skin Prep Pad for at least **15 seconds** to give the best signal quality.



Remove the ECG leads from the silver pouch.

Peel the black electrode  (circle and square) from the clear backing. Stick the sticky backing to the cleaned indented area under your right collarbone with the wire facing down. Repeat this for the left collarbone electrode. 

The wires can be pulled apart as much as needed to reach between collarbones.

Allow the wires to hang down.

## Step 4.

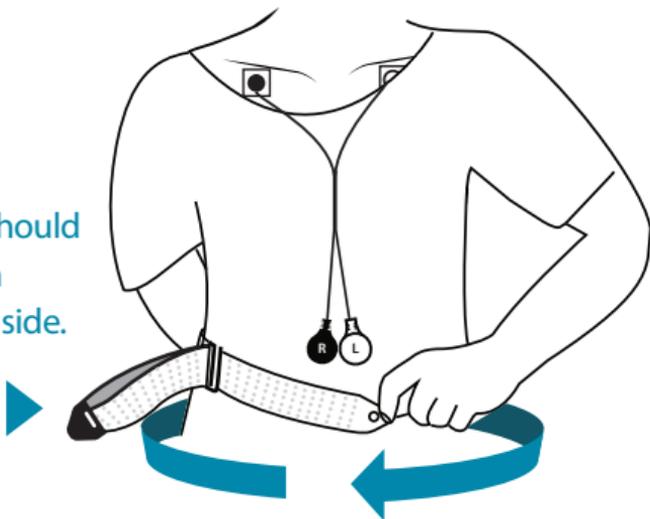
### APPLY RESPIRATORY BAND



Apply band with rough texture side out

Pass the band around your waist till it meets the other side of the band in front. Don't let the band get twisted.

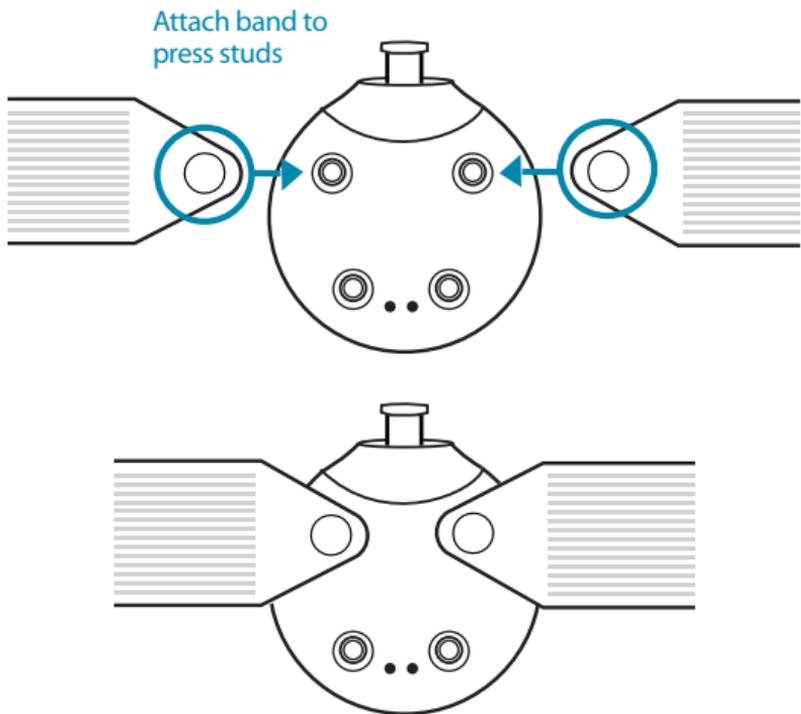
The extra loop should be facing out on your right-hand side.



## Step 5.

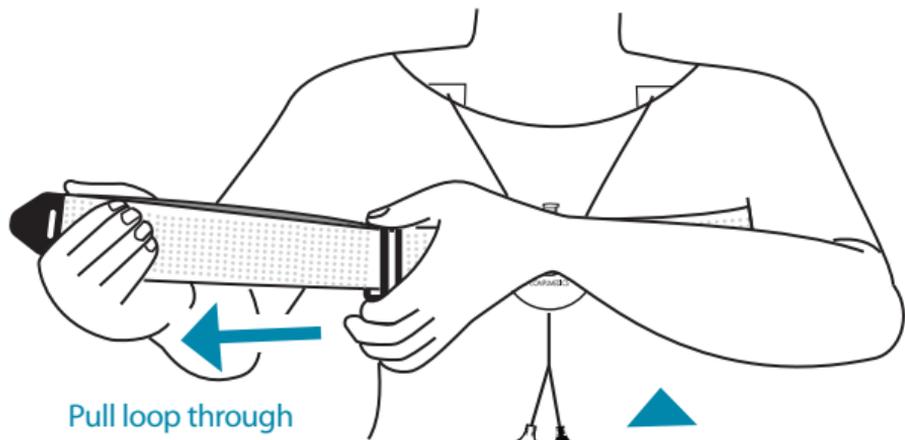
### ATTACH RESPIFIT® MODULE

Attach the two top press studs on the back of the Respifit® module to the press studs on the end of the bands.



Lift the band from your waist up to sit under your armpits. Try and keep it as high as possible.

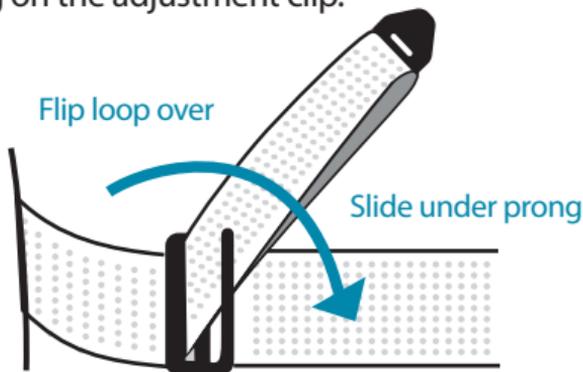
Hold the band clip, (top and bottom), with the left hand. Use the right hand to pull the extra loop through the band clip to tighten until the band fits snugly and won't fall.



Pull loop through clip till band is snug.

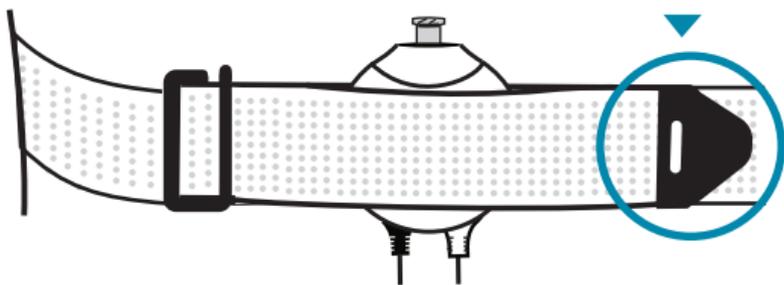
The band should be positioned across the chest and under the armpits.

Whilst holding the band tight, bring the loop to your left across the Respifit module and secure it by sliding it under the prong on the adjustment clip.

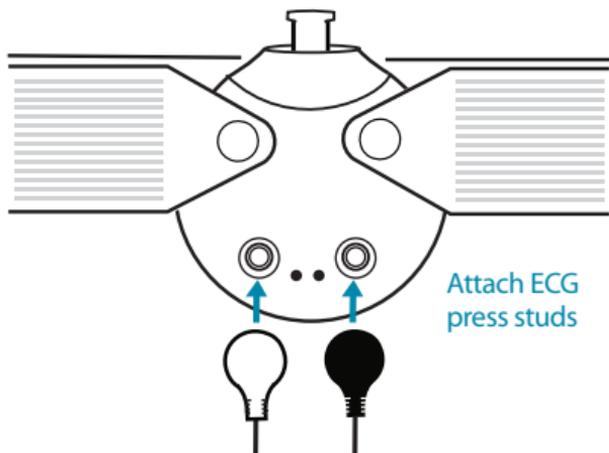


Use the velcro fastener to secure the loop over the Respifit module and onto the band.

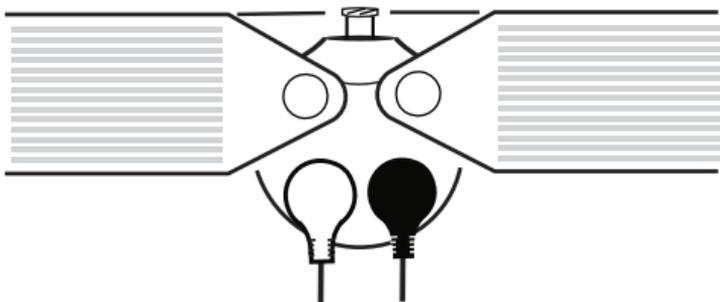
Secure the velcro side of the fastener onto the band.



Attach the ECG press studs (hanging down) to the bottom press studs on the back of the Respifit module.



The back of the Respifit module should look like this.



## Step 6.

### APPLY NASAL CANNULA

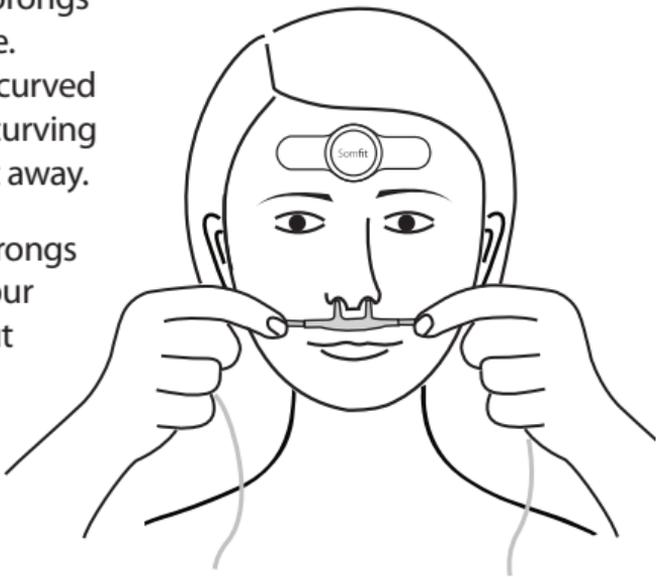
Take the Nasal Cannula out of the plastic and unravel.

Locate the nasal prongs.



Hold the nasal prongs under your nose. The prongs are curved and should be curving toward you, not away.

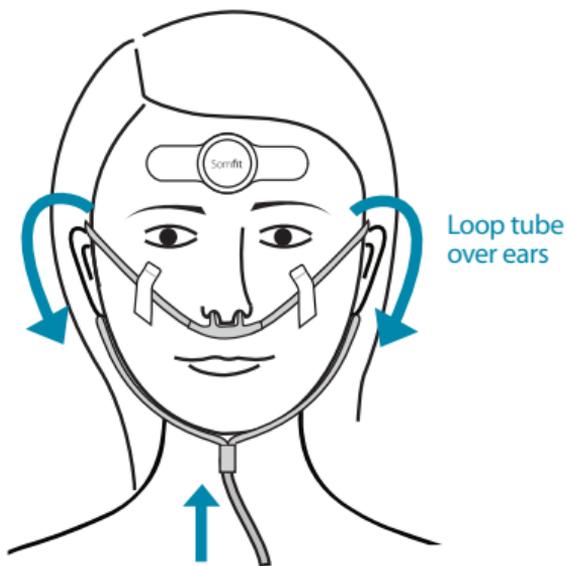
Place the two prongs so they enter your nostrils by about 1 to 2mm only.



Whilst holding the prongs in place, loop the tubing over the back of your ears.

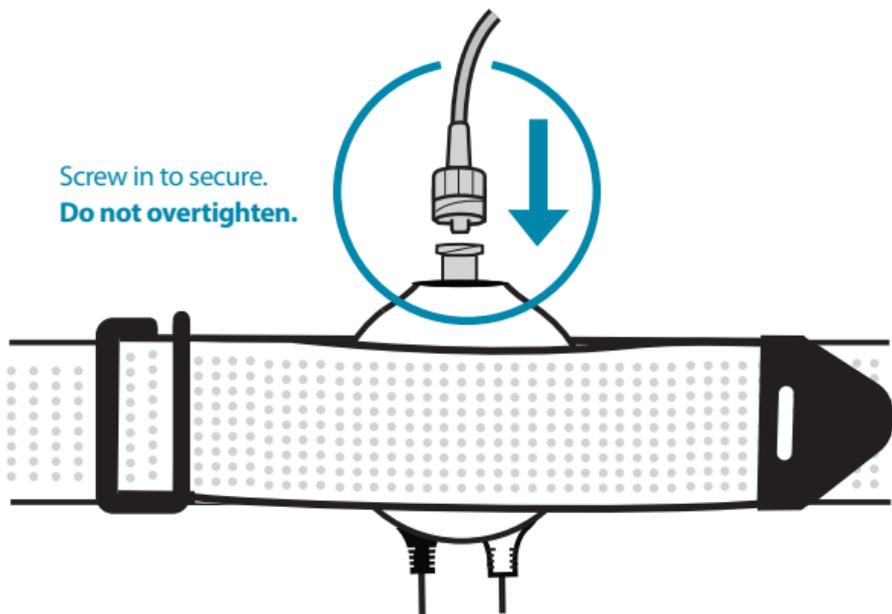
Secure it under your chin by sliding the toggle up under your chin.

Apply a strip of the tape supplied to each cheek to secure the Cannula in place.



Screw the plastic fastener at the bottom of the Nasal Cannula tubing into the top tube coming out of the Respifit® module. **Secure firmly, but don't overtighten.**

Screw in to secure.  
**Do not overtighten.**



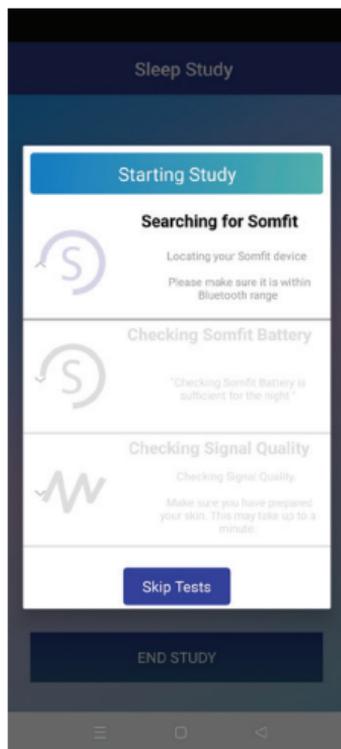
## Step 7.

### OPEN APP

Run the **Somfit® App**.



After opening the App scan the QR code on the letter provided, enter your date of birth (DOB) and press the **'Start Study'** button to progress through the **step-by-step application process and signal check.**



Signal check screen

## START RECORDING

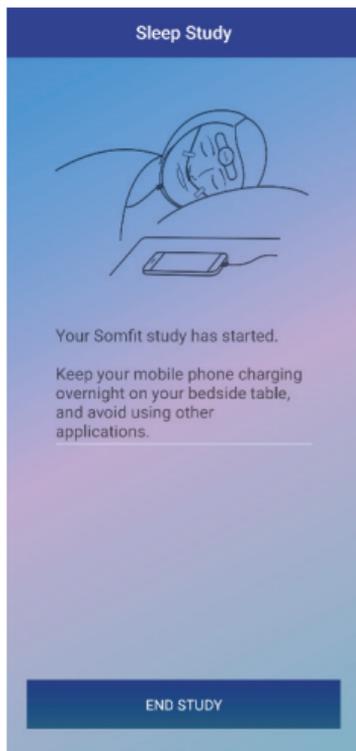
After Somfit completes pre-checks, the recording screen will appear.

**Do not open other Apps and avoid using your phone after you start the study.**

You can lock the phone screen, but do not put the phone in aeroplane mode.

Ensure phone is charging on your bedside table.

It is suggested to turn on silent or do not disturb mode on your phone to avoid sleep disturbances.



**Recording screen**

## Step 8.

### GO TO SLEEP

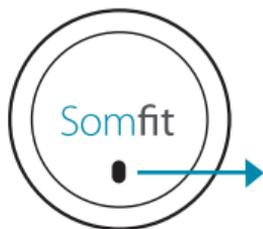
You are all set to go.  
Go to sleep in your  
normal sleep position.



### Important Step

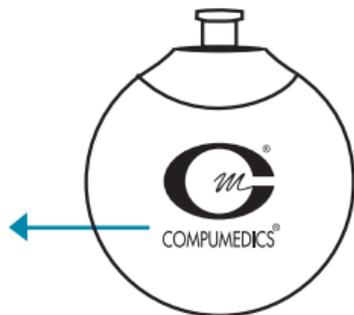
**Ensure phone is on  
and charging on your  
bedside table.**

It is normal for the indicator light on  
both the Somfit® and Respfit® to be  
turned off during recording.



Indicator Light

Light off  
Recording



Indicator Light

## Step 9.

### WAKE

When you wake simply, press the 'END STUDY' button.

Confirm you wish to the end study by clicking 'Yes'.

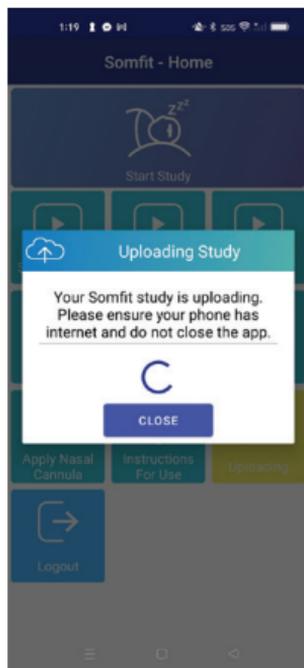
Complete post-sleep survey if prompted.

Data upload will automatically occur.



**Do not close the App or switch off your phone while the study is uploading.**

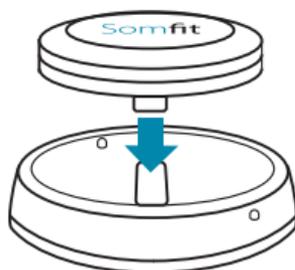
**Upload can take between 10 to 15 minutes.**



Upload Screen

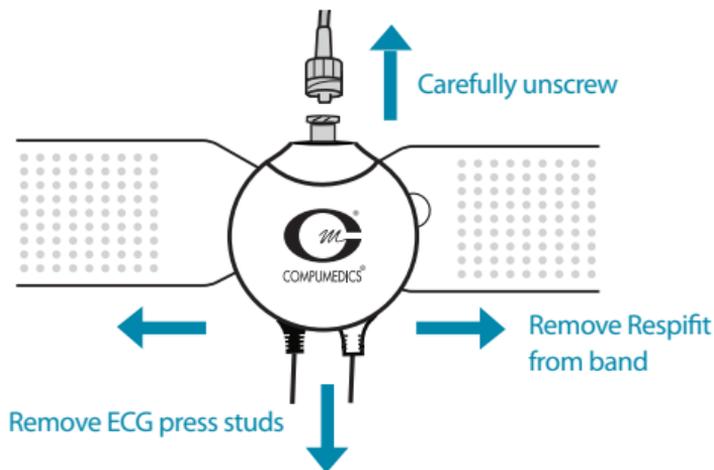
Carefully remove the Somfit® device from your forehead by gently peeling off the electrode.

Remove the electrode from the Somfit® and discard the electrode.



Return the Somfit® to the charging cradle in the case.

Carefully unscrew the nasal cannula fastener from the top of the Respifit and unclip the Respifit from the band. Unclip the ECG press studs from the back of the Respifit.



Return the Respifit to the charging cradle in the case.

Remove the Nasal Cannula from your face and discard.

Remove the ECG Leads from your body and discard.



There is a new Nasal Cannula, ECG Lead and Somfit electrode supplied for the next night if needed.

Keep the Respiratory Band for the next night.  
Discard the band after the last night.

## Step 10.

### REPEAT

Continue using Somfit® pro each night until sufficient nights have been completed. At the end of this period of nights, you will be instructed by the app to return the kit to your provider. The provider will instruct you on how to obtain your results.

[www.somfit.com](http://www.somfit.com)